

Remarks

Reconsideration of the application is requested in view of the new claim set above and comments which follow.

The new claim set is based upon the previous claims, but with claims rewritten to incorporate the subject matter indicated by the Examiner to be allowable in the Office Action of September 15, 2006. For ease of review, the following Claim Chart identifies the new claims and the former claims upon which the new claims are based:

Claim Chart

<u>New claim</u>	<u>Former claim(s)</u>
18	1, 4, 5, 6
19	2
20	3
21	7
22	8
23	9
24	10
25	11
26	12
27	13
28	14
29	15
30	16
31	17
32	1, 7, 8
33	13
34	14
35	15
36	16
37	1, 4, 5, 6

New claim 18, as noted above, is a combination of former claims 1, 4, 5 and 6, and should therefore be allowable. In addition, claim 18 says that the three magnetrons supply microwave energy through the common launch box and the common aperture, a distinction from the cited Fuls reference where separate magnetrons 106 supply a polygonal cavity through separate formations 107.

New claim 27 corresponds to former claim 13 but is now dependent upon new claim 18.

New claim 32 is a combination of former claims 1, 7, and 8 and should therefore be allowable given the previous indication of the allowability of the subject matter of claim 8.

New claims 33 through 36 depend upon new claim 32 and correspond to former claims 13 through 16.

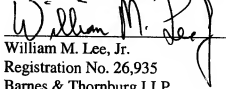
Finally, new claim 37 is a combination of former claims 1, 4, 5 and 6 but differs from new claim 18 in that new claim 37 specifies that there are four waveguides and four magnetrons. Figures 10 and 11 in the final paragraph of the specification provide the basis for new claim 37.

Also, the new claims have avoided the problems that the Examiner noted in relation to former claims 14-17, avoiding the language to which the Examiner has objected.

Given the foregoing, it is submitted that the application is now in condition for allowance, and the Examiner's further and favorable reconsideration in that regard is urged.

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Respectfully submitted,



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